AMENDMENTS TO THE CLAIMS

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

1	1. (Currently amended) An apparatus for supporting one or more servers
2	on a single semiconductor chip, comprising:
3	a plurality of first-level translation lookaside buffers on the single
4	semiconductor chip, wherein each first-level translation lookaside buffer is
5	associated with a processor core of a plurality of processor cores on the single
6	semiconductor chip; and
7	a second-level translation lookaside buffer that is coupled to the plurality
8	of first-level translation lookaside buffers, wherein the second-level translation
9	lookaside buffer stores a subset of the entries in the plurality of first-level
10	translation lookaside buffers;
11	wherein an access to a page table entry in main memory by a processor
12	core associated with a first-level translation lookaside buffer can be stored in the
13	second-level translation lookaside buffer before being forwarded to the first-level
14	translation buffer associated with the processor that requested the page table entry
15	whereby storing the page table entry in the second-level translation
16	lookaside buffer eliminates a need to refer to main memory to access the same
17	page table entry if another processor requests the same page table entry.